

PATENT Appn. No. 10/022,695
Atty. Docket No. 10235/11
Amendment

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for producing geranylgeraniol and/or farnesol, which comprises culturing geranylgeraniol- and/or farnesol-producing cells belonging to any one of the following genera:

Saccharomyces,
Saccharomycopsis,
Saccharomycodes,
Schizosaccharomyces,
Wickerhamia,
Debaryomyces,
Hansenula,
Hanseniaspora,
Lypomyees,
Pichia,
Kloeckera,
Candida,
Zygosaccharomyces,
Ogataea,
Kuraishia,
Komagataella,
Yarrowia,
Williopsis,
Nakazawaea,
Kluyveromyces,
Terulaspera,

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Citeromyces,
Waltomyces,
Cryptococcus,
Bacillus,
Staphylococcus,
Pseudomonas,
Micrococcus,
Exiguobacterium,
Mucor,
Ambrosiozyma,
Cystofilobasidium,
Metschnikowia,
Trichosporon,
Xanthophyllomyces,
Bullera,
Fellomyces,
Filobasidium,
Holtermannia,
Phaffia,
Rhodotorula, and
Sporidiobolus,
Sporebacteria,
Zygoascomycetes,
Haloferax,
Brevibacterium,
Leucosporidium,
Myxozyma,
Trichosporiella, and
Alcaligenes

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or any one of the following species

Hansenula polymorpha,

Lypomyces starkeyi,

Kuraishia capsulata,

Komagataella pastoris,

Yarrowia lipolytica,

Nakazawaea holstii,

Torulaspora delbrueckii,

Citeromyces matritensis,

Waltomyces lipofer,

Pseudomonas sp.,

Micrococcus luteus,

Exiguobacterium acetylicum,

Mucor javanicus,

Cystofilobasidium infirmominiatum,

Xanthophyllomyces dendrorhons,

Fellomyces penicillatus,

Holtermannia corniformis,

Phaffia rhodozyma,

Sporidiobolus samonicolar,

Sporobolomyces salmonicolor,

Zygoascus hellenicus,

Haloferax volcanii,

Leucosporidium scottii,

Myxozyma lipomycoïdes,

Trichosporiella flavificans, and

Alcaligenes faecalis,

in a medium with a sugar content of 1-10% in the presence of at least one member selected from the group consisting of a soybean oil, fish oil, almond oil and olive oil at a concentration of about

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0.01% or more to produce and accumulate geranylgeraniol and/or farnesol in the cells and/or in the extracellular environment; and then collecting geranylgeraniol and/or farnesol.

2. (Canceled)

3. (Previously presented) The method of claim 1 wherein the medium has a sugar content of 2-7%.